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REMARKS

Claim 28 has been amended. Claims 1-8, 13-67 and 70-75 remain in the application for consideration. In view of the following remarks, Applicant respectfully requests reconsideration and allowance of the subject application.

Request For Reconsideration and Interview Request

Applicant has studied the present Office Action and cited reference in great detail and respectfully submits, for the reasons stated below, that the Office has not established that the present claims are anticipated as argued by the Office. Accordingly, Applicant respectfully requests that the Office reconsider the rejections. In addition, Applicant intends to use this Request for Reconsideration as a starting point for a discussion with the Examiner. Applicant intends to call the Examiner within a few days of filing this request for reconsideration to schedule an interview. In the event that the Office and the Applicant cannot reach an agreement, Applicant intends to appeal the rejections.

§102 Rejections

Claims 1-8, 13-67 and 70-75 stand rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,519,540 to Salandro (hereinafter "Salandro").

The Claims

Claim 1 recites an editing system comprising [emphasis added]:

- a switch assembly comprising one or more software-implemented matrix switches, individual matrix switches comprising:
- one or more input pins configured to receive a data stream; and
- one or more output pins configured to output a data stream;
- the one or more input pins being routable to the one or more output pins, *the switch assembly being configured to process both compressed and uncompressed data streams to provide a compressed output data stream that represents a user-defined editing project* in which a user can construct said editing project by operating on one or more sources of multimedia content that provide said data streams, wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on columns 3 and 7 of Salandro as disclosing "*the switch assembly being configured to process both compressed and uncompressed data streams to provide a compressed output data stream that represents a user-defined editing project*", as claimed. The Office's only explanation in this regard is to state: "user may select the source and destination pin and the path to be used for the media using a user interface". (see Office Action, page 3).

Applicant respectfully disagrees and submits that the Office has mischaracterized the Salandro reference, which neither discloses nor suggests processing "both compressed and uncompressed data streams" so as "to provide a compressed data stream", as claimed. These excerpts merely disclose providing a logical pictorial representation of cross-point switches connecting source and destination channels (see e.g. Salandro, column 2, lines 5-25, column 3, lines 25-

1 34, and column 4, lines 7-48). This is evidenced by the Office's own explanation:
2 "user may select the source and destination pin and the path to be used..."

3 Furthermore, Applicant is unable to find the term "compressed" or
4 "uncompressed" anywhere in the Salandro reference. This is not surprising, since
5 Salandro is concerned with providing a "signal router with a graphical interface"
6 and not with processing "compressed and uncompressed data streams to provide a
7 compressed output data stream". (see Salandro, column 1, line 65 – column 2, line
8 3).

9 When viewed in the context of the claimed subject matter, it becomes
10 apparent that Salandro is really concerned with something that is quite different
11 from the subject matter of this claim. Accordingly, because Salandro does not
12 disclose or suggest the subject matter of this claim, this claim is allowable.

13 **Claims 2-7** depend from claim 1 and are allowable as depending from an
14 allowable base claim. These claims are also allowable for their own recited
15 features which, in combination with those recited in claim 1, are neither disclosed
16 nor suggested in the references of record, either singly or in combination with one
17 another.

18 **Claim 8** recites an editing system comprising [emphasis added]:

- 19
- 20 • a media processing object comprising at least one software-
21 implemented matrix switch comprising a scalable plurality of input
22 pins and a scalable plurality of output pins, wherein individual input
23 pins of said scalable plurality of input pins can be iteratively coupled
24 to individual output pins of said scalable plurality of output pins
25 based, at least in part, on a user's operation on one or more sources
of multimedia content, wherein said media processing object is
configured to:
 - *receive multiple data streams comprising compressed and
uncompressed data streams; and*

- process *the one or more data streams to provide a compressed output data stream* that represents a user-defined media project in which a user can construct the media project by operating on one or more sources of multimedia content.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing to “*receive multiple data streams comprising compressed and uncompressed data streams*” and to “*process the one or more data streams to provide a compressed output data stream*”, as claimed.

Applicant respectfully disagrees and, as discussed above, submits Salandro merely discloses providing a logical pictorial representation of cross-point switches connecting source and destination channels. Furthermore, Applicant is unable to find the term “compressed” or “uncompressed” anywhere in the Salandro reference.

Accordingly, because Salandro does not disclose or suggest the subject matter of this claim, this claim is allowable.

Claim 13 recites a multi-media editing system comprising [emphasis added]:

- a switch assembly comprising one or more software-implemented matrix switches, individual matrix switches comprising:
 - one or more input pins configured to receive a data stream; and
 - one or more output pins configured to output a data stream;
- the one or more input pins being routable to the one or more output pins, the switch assembly being configured to *process both compressed and uncompressed data streams to provide a compressed output data stream* that represents a user-defined multi-media editing project in which a user can construct the multi-media editing project by operating on one or more sources of multimedia content that provide said data streams; and

- one or more data structures associated with the switch assembly and configured for use in programming the switch assembly to provide a routing scheme for routing input pins to output pins for a given multi-media editing project time line,
- wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing "the switch assembly being configured to *process both compressed and uncompressed data streams to provide a compressed output data stream*", as claimed.

Applicant respectfully disagrees and, as discussed above, submits Salandro merely discloses providing a logical pictorial representation of cross-point switches connecting source and destination channels. Furthermore, Applicant is unable to find the term "compressed" or "uncompressed" anywhere in the Salandro reference.

Accordingly, because Salandro does not disclose or suggest the subject matter of this claim, this claim is allowable.

Claims 14-20 depend from claim 13 and are allowable as depending from an allowable base claim. These claims are also allowable for their own recited features which, in combination with those recited in claim 13, are neither disclosed nor suggested in the references of record, either singly or in combination with one another.

1 **Claim 21** recites a multi-media editing system comprising [emphasis
2 added]:

- 3 • a switch assembly comprising one or more non-hardware matrix
- 4 switches, individual matrix switches comprising:
- 5 • one or more input pins configured to receive a data stream; and
- 6 • one or more output pins configured to output a data stream;
- 7 • the one or more input pins being routable to the one or more output
- 8 pins, the switch assembly being configured to *process both*
- 9 *compressed and uncompressed data streams to provide a*
- 10 *compressed output data stream* that represents a user-defined multi-
- 11 media editing project in which a user can construct said editing
- 12 project by operating on one or more sources of multimedia content
- 13 that provide said data streams, wherein at least one of said matrix
- 14 switches comprises a scalable plurality of input pins and a scalable
- 15 plurality of output pins, wherein individual input pins of said
- 16 scalable plurality of input pins can be iteratively coupled to
- 17 individual output pins of said scalable plurality of output pins based,
- 18 at least in part, on the user's operation on said one or more sources
- 19 of multimedia content.

20 In making out the rejection of this claim, the Office argues that its subject
21 matter is anticipated by Salandro. Specifically, the Office relies on column 7, line
22 1, - column 8, line 54, as disclosing "the switch assembly being configured to
23 *process both compressed and uncompressed data streams to provide a*

24 *compressed output data stream*", as claimed.

25 Applicant respectfully disagrees and, as discussed above, submits Salandro
merely discloses providing a logical pictorial representation of cross-point
switches connecting source and destination channels (also see column 8, lines 10-
15). Furthermore, Applicant is unable to find the term "compressed" or
"uncompressed" anywhere in the Salandro reference.

1 Accordingly, because Salandro does not disclose or suggest the subject
2 matter of this claim, this claim is allowable.

3 **Claims 22-27** depend from claim 21 and are allowable as depending from
4 an allowable base claim. These claims are also allowable for their own recited
5 features which, in combination with those recited in claim 21, are neither disclosed
6 nor suggested in the references of record, either singly or in combination with one
7 another.

8 **Claim 28** recites a media processing system comprising [emphasis added]:

- 9
- 10 • switch means for receiving compressed and uncompressed data
11 streams associated with sources that are to be incorporated into a
12 user-defined editing project in which a user can construct said
13 editing project by operating on one or more sources of multimedia
14 content that provide said data streams, said switch means *processing*
15 *the compressed and uncompressed data streams to provide a single*
16 *compressed output stream* that represents the project; and
 - 17 • programming means associated with the switch means and
18 configured to program the switch means to provide the single
19 compressed output stream,
 - 20 • wherein said switch means comprises at least one matrix switch
21 comprising a scalable plurality of input pins and a scalable plurality
22 of output pins, wherein individual input pins of said scalable
23 plurality of input pins can be iteratively coupled to individual output
24 pins of said scalable plurality of output pins based, at least in part, on
25 the user's operation on said one or more sources of multimedia
content.

21 In making out the rejection of this claim, the Office argues that its subject
22 matter is anticipated by Salandro. Specifically, the Office relies on column 4,
23 lines 8-40, and figs. 3-5 as disclosing "*processing the compressed and*
24 *uncompressed data streams to provide a single compressed output stream*", as
25 claimed.

1 Applicant respectfully disagrees and, as discussed above, submits Salandro
2 merely discloses providing a logical pictorial representation of cross-point
3 switches connecting source and destination channels. Furthermore, Applicant is
4 unable to find the term "compressed" or "uncompressed" anywhere in the
5 Salandro reference.

6 Accordingly, because Salandro does not disclose or suggest the subject
7 matter of this claim, this claim is allowable.

8 **Claims 29-32** depend from claim 28 and are allowable as depending from
9 an allowable base claim. These claims are also allowable for their own recited
10 features which, in combination with those recited in claim 28, are neither disclosed
11 nor suggested in the references of record, either singly or in combination with one
12 another.

13 **Claim 33** recites a multi-media editing system comprising [emphasis
14 added]:

- 15
- 16 • a first software-implemented matrix switch comprising one or more
17 input pins and one or more output pins, the one or more input pins
18 being routable to the one or more output pins, the first matrix switch
19 being configured to *process one or more uncompressed data*
20 *streams and output an uncompressed data stream*;
- 21 • a second software-implemented matrix switch comprising one or
22 more input pins and one or more output pins, the one or more input
23 pins being routable to the one or more output pins, the second matrix
24 switch being configured to *process one or more compressed data*
25 *streams and output a compressed data stream*; and
- a third software-implemented matrix switch comprising multiple
input pins and multiple output pins, the input pins being routable to
one or more output pins, the third matrix switch being configured to
receive an uncompressed data stream from the first switch and a
compressed data stream from the second switch and process the
received data streams to provide a single compressed output data
stream that represents a user-defined multi-media editing project in

1 which a user can construct said editing project by operating on one
2 or more sources of multimedia content that provide said data
3 streams,

- 4 • wherein at least one of said matrix switches comprises a scalable
5 plurality of input pins and a scalable plurality of output pins,
6 wherein individual input pins of said scalable plurality of input pins
7 can be iteratively coupled to individual output pins of said scalable
8 plurality of output pins based, at least in part, on the user's operation
9 on said one or more sources of multimedia content.

10 In making out the rejection of this claim, the Office argues that its subject
11 matter is anticipated by Salandro. Specifically, the Office relies on column 4,
12 lines 8-40, and figs. 3-5 as disclosing a "first matrix switch being configured to
13 *process one or more uncompressed data streams and output an uncompressed*
14 *data stream*", a "second matrix switch being configured to *process one or more*
15 *compressed data streams and output a compressed data stream*", and a "third
16 matrix switch being configured to *receive an uncompressed data stream from the*
17 *first switch and a compressed data stream from the second switch and process*
18 *the received data streams to provide a single compressed output data stream*", as
19 claimed.

20 Applicant respectfully disagrees and, as discussed above, submits Salandro
21 merely discloses providing a logical pictorial representation of cross-point
22 switches connecting source and destination channels. Furthermore, Applicant is
23 unable to find the term "compressed" or "uncompressed" anywhere in the
24 Salandro reference.

25 Accordingly, because Salandro does not disclose or suggest the subject
matter of this claim, this claim is allowable.

1 **Claims 34-37** depend from claim 33 and are allowable as depending from
2 an allowable base claim. These claims are also allowable for their own recited
3 features which, in combination with those recited in claim 33, are neither disclosed
4 nor suggested in the references of record, either singly or in combination with one
5 another.

6 **Claim 38** recites a multi-media editing system comprising [emphasis
7 added]:

- 8
- 9 • first software switch means for *processing one or more*
10 *uncompressed data streams to provide an uncompressed data*
11 *stream*, the switch means comprising at least one feedback loop that
12 modifies a data stream that is output by the switch means and
13 provides the modified data stream as an input to the switch means;
- 14 • second software switch means for *processing one or more*
15 *compressed data streams to provide a compressed data stream*; and
- 16 • a third software switch *means for receiving an uncompressed data*
17 *stream from the first software switch means and a compressed data*
18 *stream from the second software switch and processing the*
19 *received data streams to provide a single compressed output data*
20 *stream* that represents a user-defined multi-media editing project in
21 which a user can construct said editing project by operating on one
22 or more sources of multimedia content that provide said data
23 streams,
- 24 • wherein at least one of said switch means comprises a scalable
25 plurality of input pins and a scalable plurality of output pins,
wherein individual input pins of said scalable plurality of input pins
can be iteratively coupled to individual output pins of said scalable
plurality of output pins based, at least in part, on the user's operation
on said one or more sources of multimedia content.

22 In making out the rejection of this claim, the Office argues that its subject
23 matter is anticipated by Salandro. Specifically, the Office relies on column 4,
24 lines 8-40, and figs. 3-5 as disclosing a "first software switch means for
25

1 *processing one or more uncompressed data streams to provide an uncompressed*
2 *data stream”, a “second software switch means for processing one or more*
3 *compressed data streams to provide a compressed data stream”, and “a third*
4 *software switch means for receiving an uncompressed data stream from the first*
5 *software switch means and a compressed data stream from the second software*
6 *switch and processing the received data streams to provide a single compressed*
7 *output data stream”, as claimed.*

8 Applicant respectfully disagrees and, as discussed above, submits Salandro
9 merely discloses providing a logical pictorial representation of cross-point
10 switches connecting source and destination channels. Furthermore, Applicant is
11 unable to find the term “compressed” or “uncompressed” anywhere in the
12 Salandro reference.

13 Accordingly, because Salandro does not disclose or suggest the subject
14 matter of this claim, this claim is allowable.

15 **Claim 39** depends from claim 38 and is allowable as depending from an
16 allowable base claim. This claim is also allowable for its own recited features
17 which, in combination with those recited in claim 38, are neither disclosed nor
18 suggested in the references of record, either singly or in combination with one
19 another.

20 **Claim 40** recites a multi-media editing system comprising [emphasis
21 added]:

- 22 • a first software-implemented matrix switch comprising one or more
23 input pins and one or more output pins, the one or more input pins
24 being routable to the one or more output pins, the first matrix switch
25 being configured to *process one or more uncompressed data*
streams and output an uncompressed data stream;

- a second software-implemented matrix switch comprising one or more input pins and one or more output pins, the one or more input pins being routable to the one or more output pins, the second matrix switch being configured to *process one or more compressed data streams and output a compressed data stream*;
- a third software-implemented matrix switch comprising multiple input pins and multiple output pins, the input pins being routable to one or more output pins, the third matrix switch being configured to *receive an uncompressed data stream from the first switch and a compressed data stream from the second switch and process the received data streams to provide a single compressed output data stream* that represents a user-defined multi-media editing project in which a user can construct said editing project by operating on one or more sources of multimedia content that provide said data streams; and
- one or more data structures associated with at least some of the matrix switches and configured for use in programming the associated switches to provide a routing scheme for routing input pins to output pins,
- wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing a “first matrix switch being configured to *process one or more uncompressed data streams and output an uncompressed data stream*”, a “second matrix switch being configured to *process one or more compressed data streams and output a compressed data stream*”, and a “third matrix switch being configured to *receive an uncompressed data stream from the first switch and a compressed data stream from the second switch and process*

1 *the received data streams to provide a single compressed output data stream*", as
2 claimed.

3 Applicant respectfully disagrees and, as discussed above, submits Salandro
4 merely discloses providing a logical pictorial representation of cross-point
5 switches connecting source and destination channels. Furthermore, Applicant is
6 unable to find the term "compressed" or "uncompressed" anywhere in the
7 Salandro reference.

8 Accordingly, because Salandro does not disclose or suggest the subject
9 matter of this claim, this claim is allowable.

10 **Claims 41-43** depend from claim 40 and are allowable as depending from
11 an allowable base claim. These claims are also allowable for their own recited
12 features which, in combination with those recited in claim 40, are neither disclosed
13 nor suggested in the references of record, either singly or in combination with one
14 another.

15
16 **Claim 44** recites a multi-media editing method comprising [emphasis
17 added]:

- 18
19 • providing a switch assembly comprising one or more software-
20 implemented matrix switches, individual matrix switches comprising
21 one or more input pins and one or more output pins, the one or more
22 input pins being routable to the one or more output pins, the switch
23 assembly being configured to *process both compressed and*
24 *uncompressed data streams to provide a compressed output data*
25 *stream* that represents a user-defined multi-media editing project in
which a user can construct said editing project by operating on one
or more sources of multimedia content that provide said data
streams, wherein at least one of said matrix switches comprises a
scalable plurality of input pins and a scalable plurality of output
pins, wherein individual input pins of said scalable plurality of input

1 pins can be iteratively coupled to individual output pins of said
2 scalable plurality of output pins based, at least in part, on the user's
3 operation on said one or more sources of multimedia content; and

- 4 • programming the switch assembly using one or more data structures,
5 said programming providing a routing scheme for routing input pins
6 to output pins for a given time period.

7 In making out the rejection of this claim, the Office argues that its subject
8 matter is anticipated by Salandro. Specifically, the Office relies on column 4,
9 lines 8-40, and figs. 3-5 as disclosing a "switch assembly being configured to
10 *"process both compressed and uncompressed data streams to provide a
11 compressed output data stream"*, as claimed.

12 Applicant respectfully disagrees and, as discussed above, submits Salandro
13 merely discloses providing a logical pictorial representation of cross-point
14 switches connecting source and destination channels. Furthermore, Applicant is
15 unable to find the term "compressed" or "uncompressed" anywhere in the
16 Salandro reference.

17 Accordingly, because Salandro does not disclose or suggest the subject
18 matter of this claim, this claim is allowable.

19 **Claims 45-56** depend from claim 44 and are allowable as depending from
20 an allowable base claim. These claims are also allowable for their own recited
21 features which, in combination with those recited in claim 44, are neither disclosed
22 nor suggested in the references of record, either singly or in combination with one
23 another.

24 **Claim 57** recites one or more computer-readable media having computer-
25 readable instructions thereon which, when executed by a computer, cause the
computer to [emphasis added]:

- provide a switch assembly comprising multiple software-implemented matrix switches, individual matrix switches comprising one or more input pins and one or more output pins, the one or more input pins being routable to the one or more output pins, the switch assembly comprising:
 - a first switch configured to *process uncompressed data streams to provide an uncompressed output data stream*;
 - a second switch configured to *process compressed data streams to provide a compressed output data stream*; and
 - a third switch configured to *receive both the uncompressed and compressed output data streams and process the data streams to provide a compressed output data stream* that represents a user-defined multi-media editing project in which a user can construct said editing project by operating on one or more sources of multimedia content that provide said data streams, wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content; and
- program the switch assembly by defining a first grid structure containing data that defines an association between the first switch's input pins, at least one output pin and a time line defined by the editing project, and defining a second grid structure containing data that defines an association between the second switch's input pins, at least one output pin and the time line defined by the editing project.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing "a first switch configured to *process uncompressed data streams to provide an uncompressed output data stream*", "a second switch configured to *process compressed data streams to provide a compressed output data stream*", and "a third switch configured to *receive both*

1 *the uncompressed and compressed output data streams and process the data*
2 *streams to provide a compressed output data stream*", as claimed.

3 Applicant respectfully disagrees and, as discussed above, submits Salandro
4 merely discloses providing a logical pictorial representation of cross-point
5 switches connecting source and destination channels. Furthermore, Applicant is
6 unable to find the term "compressed" or "uncompressed" anywhere in the
7 Salandro reference.

8 Accordingly, because Salandro does not disclose or suggest the subject
9 matter of this claim, this claim is allowable.

10 **Claims 58-62** depend from claim 57 and are allowable as depending from
11 an allowable base claim. These claims are also allowable for their own recited
12 features which, in combination with those recited in claim 57, are neither disclosed
13 nor suggested in the references of record, either singly or in combination with one
14 another.

15 **Claim 63** recites a multi-media editing method comprising [emphasis
16 added]:

- 17
18 • providing a first software-implemented matrix switch comprising
19 one or more input pins and one or more output pins, the one or more
20 input pins being routable to the one or more output pins, the first
21 matrix switch being configured to *process one or more*
22 *uncompressed data streams and output an uncompressed data*
23 *stream*;
- 24 • providing a second software-implemented matrix switch comprising
25 one or more input pins and one or more output pins, the one or more
input pins being routable to the one or more output pins, the second
matrix switch being configured to *process one or more compressed*
data streams and output a compressed data stream;
- providing a third software-implemented matrix switch comprising
multiple input pins and multiple output pins, the input pins being
routable to one or more output pins wherein at least one of said

1 matrix switches comprises a scalable plurality of input pins and a
2 scalable plurality of output pins, wherein individual input pins of
3 said scalable plurality of input pins can be iteratively coupled to
4 individual output pins of said scalable plurality of output pins based,
5 at least in part, on the user's operation on said one or more sources
6 of multimedia content;

- 7 • *receiving, with the third matrix switch, an uncompressed data*
8 *stream from the first switch and a compressed data stream from*
9 *the second switch; and*
- 10 • *processing the received data streams with the third switch to*
11 *provide a single compressed output data stream* that represents a
12 user-defined multi-media editing project in which a user can
13 construct said editing project by operating on one or more sources of
14 multimedia content that provide said data streams.

15 In making out the rejection of this claim, the Office argues that its subject
16 matter is anticipated by Salandro. Specifically, the Office relies on column 4,
17 lines 8-40, and figs. 3-5 as disclosing a "first matrix switch being configured to
18 *process one or more uncompressed data streams and output an uncompressed*
19 *data stream*", a "second matrix switch being configured to *process one or more*
20 *compressed data streams and output a compressed data stream*", "*receiving,*"
21 with a "third matrix switch, *an uncompressed data stream from the first switch*
22 *and a compressed data stream from the second switch*", and "*processing the*
23 *received data streams with the third switch to provide a single compressed output*
24 *data stream*", as claimed.

25 Applicant respectfully disagrees and, as discussed above, submits Salandro
merely discloses providing a logical pictorial representation of cross-point
switches connecting source and destination channels. Furthermore, Applicant is
unable to find the term "compressed" or "uncompressed" anywhere in the
Salandro reference.

1 Accordingly, because Salandro does not disclose or suggest the subject
2 matter of this claim, this claim is allowable.

3 **Claims 64-66** depend from claim 63 and are allowable as depending from
4 an allowable base claim. These claims are also allowable for their own recited
5 features which, in combination with those recited in claim 63, are neither disclosed
6 nor suggested in the references of record, either singly or in combination with one
7 another.

8 **Claim 67** recites one or more computer-readable media having computer-
9 readable instructions thereon which, when executed by a computer, cause the
10 computer to [emphasis added]:

- 11 • *process at least one compressed data stream to provide an output*
12 *compressed data stream* that comprises a portion of a user-defined
13 multi-media editing project that is associated with a data stream
source;
- 14 • *process one or more uncompressed data streams to manipulate the*
15 *one or more uncompressed data streams to provide an output*
16 *uncompressed data stream* that comprises a different portion of a
user-defined multi-media editing project that is associated with one
or more data stream sources;
- 17 • *compress the output uncompressed data stream*; and
- 18 • *associate the output compressed data stream and the compressed*
19 *output uncompressed data stream together to provide a compressed*
20 *stream* that represents a user-defined multi-media editing project in
which a user can construct said editing project by operating on one
or more sources of multimedia content that provide said data
streams,
- 21 • wherein said data streams are processed utilizing at least one matrix
22 switches comprising a scalable plurality of input pins and a scalable
23 plurality of output pins, wherein individual input pins of said
scalable plurality of input pins can be iteratively coupled to
24 individual output pins of said scalable plurality of output pins based,
at least in part, on the user's operation on said one or more sources
25 of multimedia content.

1
2 In making out the rejection of this claim, the Office argues that its subject
3 matter is anticipated by Salandro. Specifically, the Office relies on column 4,
4 lines 8-40, and figs. 3-5 as disclosing processing "*at least one compressed data*
5 *stream to provide an output compressed data stream*", processing "*one or more*
6 *uncompressed data streams to manipulate the one or more uncompressed data*
7 *streams to provide an output uncompressed data stream* compressing "*the output*
8 *uncompressed data stream*", compressing the "*output uncompressed data*
9 *stream*", and associating "*the output compressed data stream and the compressed*
10 *output uncompressed data stream together to provide a compressed stream*", as
11 claimed.

12 Applicant respectfully disagrees and, as discussed above, submits Salandro
13 merely discloses providing a logical pictorial representation of cross-point
14 switches connecting source and destination channels. Furthermore, Applicant is
15 unable to find the term "compressed" or "uncompressed" anywhere in the
16 Salandro reference.

17 Accordingly, because Salandro does not disclose or suggest the subject
18 matter of this claim, this claim is allowable.

19 **Claim 70** recites one or more computer-readable media having computer-
20 readable instructions thereon which, when executed by a computer, cause the
21 computer to:

- 22
- 23 • *receive and process one or more uncompressed data streams with a*
24 *first software-implemented matrix switch* comprising one or more
25 input pins and one or more output pins, the one or more input pins
being routable to the one or more output pins to output an
uncompressed data stream;

- *receive and process one or more compressed data streams with a second software-implemented matrix switch* comprising one or more input pins and one or more output pins, the one or more input pins being routable to the one or more output pins to output a compressed data stream;
- *receive and process the uncompressed data stream that is output by the first switch and the compressed data stream that is output by the second switch with a third software-implemented matrix switch* comprising multiple input pins individual ones of which receive data streams, and one or more output pins individual ones of which provide data streams, the one or more input pins being routable to the one or more output pins *to output, at one output pin, a compressed data stream* that represents a user-defined multi-media editing project in which a user can construct said editing project by operating on one or more sources of multimedia content that provide said data streams, wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing to *"receive and process one or more uncompressed data streams with a first software-implemented matrix switch"*, *"receive and process one or more compressed data streams with a second software-implemented matrix switch"*, and *"receive and process the uncompressed data stream that is output by the first switch and the compressed data stream that is output by the second switch with a third software-implemented matrix"*, as claimed, so as to *"output, at one output pin, a compressed data stream"*, as claimed.

1 Applicant respectfully disagrees and, as discussed above, submits Salandro
2 merely discloses providing a logical pictorial representation of cross-point
3 switches connecting source and destination channels. Furthermore, Applicant is
4 unable to find the term "compressed" or "uncompressed" anywhere in the
5 Salandro reference.

6 Accordingly, because Salandro does not disclose or suggest the subject
7 matter of this claim, this claim is allowable.

8 **Claims 71-75** depend from claim 70 and are allowable as depending from
9 an allowable base claim. These claims are also allowable for their own recited
10 features which, in combination with those recited in claim 70, are neither disclosed
11 nor suggested in the references of record, either singly or in combination with one
12 another.


13 **Conclusion**

14 Applicant submits that all of the claims are in condition for allowance and
15 respectfully requests a Notice of Allowability be issued forthwith. If the Office's
16 next anticipated action is to be anything other than issuance of a Notice of
17 Allowability, Applicant respectfully requests a telephone call for the purpose of
18 scheduling an interview.
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Respectfully Submitted,

Dated: 3/8/06

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